



Blast Effects



Sensors to Better Understand Traumatic Brain Injuries

Customer(s):

U.S. Army Rapid Equipping Force (REF)

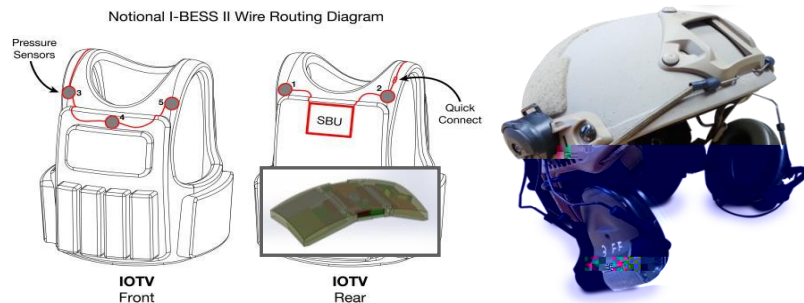
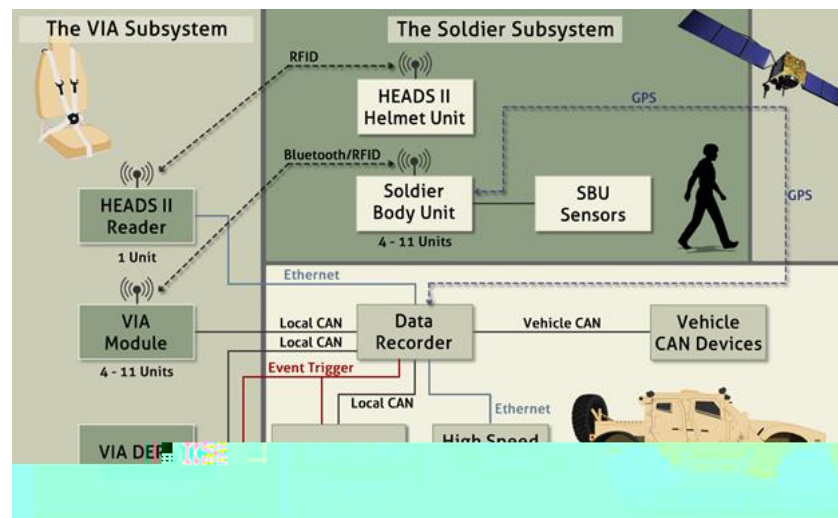
Problem:

The U.S. military is striving to better understand how blasts impact the human body. Traumatic brain injury (TBI) has become a greater concern and there is a lack of clear understanding of the impact from blast-induced injuries.

Solution:

Developed Integrated Blast Effect Sensor Suite (IBESS) from commercially derived sensors and data acquisition technologies to provide an integrated capability that measures blast exposure at both the vehicle and soldier level and records data to better understand blast injuries. Benefits include correlating

develop and deliver improved TBI treatment.



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